

Case Docket No. ABIOS.040A

Date: December 12, 2003

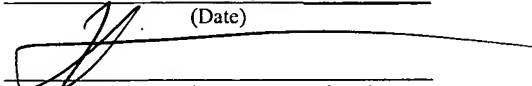
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Oldham et al.
Appl. No. : 10/660,460
Filed : September 11, 2003
For : IMAGE ENHANCEMENT BY
SUB-PIXEL IMAGING
Examiner : Unknown
Group Art Unit : 2878

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

December 15, 2003

(Date)


Kirk E. Pastorian, Reg. No. 48,756

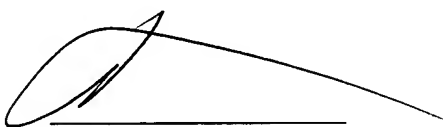
TRANSMITTAL LETTER

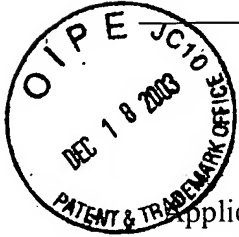
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with one (1) reference.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.


Kirk E. Pastorian
Registration No. 48,756
Agent of Record
Customer No. 20,995
(909) 781-9231



INFORMATION DISCLOSURE STATEMENT

Applicant : Oldham et al.
App. No. : 10/660,460
Filed : September 11, 2003
For : IMAGE ENHANCEMENT BY SUB-PIXEL IMAGING
Examiner : Unknown
Group Art Unit : 2878

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing one (1) reference that is also enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 12/12/2003

By: 

Kirk E. Pastorian
Registration No. 48,756
Agent of Record
Customer No. 20,995
(909) 781-9231

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ABIOS.040AAPPLICATION NO.
10/660,460INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Oldham et al.FILING DATE
September 11, 2003GROUP
2878

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

R.N. Hook, A.S. Fruchter, "Dithering, Sampling and Image Reconstruction", ASP Conf. Ser., Vol. 216, Astronomical Data Analysis Software and Systems IX, eds. N. Manset, C. Veillet, D. Crabtree (San Francisco: ASP), 521, 2000

R:\DOCS\KEP\KEP-2163.DOC:lw
121203

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.